

FORM PTO-1449

THIRD SUPPLEMENTAL INFORMATION  
DISCLOSURE STATEMENT

NOV 20 2002

PAT. DOCKET NO.  
1875.0210000APPLICATION NO.  
09/783,034APPLICANT  
Khan *et al.*FILING DATE  
February 15, 2001GROUP  
2826

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
WA	AA1	3,790,866	02/1974	Meyer			
WA	AB1	5,045,921	09/1991	Lin <i>et al.</i>			
WA	AC1	5,397,917	03/1995	Ommen <i>et al.</i>			
WA	AD1	5,490,324	02/1996	Newman			
WA	AE1	5,572,405	11/1996	Wilson <i>et al.</i>			
WA	AF1	5,578,869	11/1996	Hoffman <i>et al.</i>			
WA	AG1	5,583,378	12/1996	Marrs <i>et al.</i>			
WA	AH1	5,648,679	07/1997	Chillara <i>et al.</i>			
WA	AI1	5,736,785	04/1998	Chiang <i>et al.</i>			
WA	AJ1	5,889,324	03/1999	Suzuki			
WA	AK1	5,903,052	05/1999	Chen <i>et al.</i>			

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TC 2800 MAIL ROOM

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
WA	AL1	2001-68512	03/2001	Japan	H01L	21/60	Yes No
WA	AM1	10-50877	02/1998	Japan	H01L	23/12	Yes No
WA	AN1	10-247703	09/1998	Japan	H01L	23/12	Yes No
	AO1						Yes No
	AP1						Yes No


## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

WA	AR	1	Schueler, R.D. <i>et al.</i> , "Performance and Reliability of a Cavity Down Tape BGA Package," <i>IEEE Electronic Packaging Technology Conference</i> , 1997, pages 151-162.
WA	AS	1	English-language Abstract of JP 2001-68512, published March 16, 2001, 1 page (last visited October 2, 2002).
WA	AT	1	English-language Abstract of JP 10-50877, published February 20, 1998, 1 page (last visited October 2, 2002).

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	FORM PTO-1449	ATTY. DOCKET NO. 1875.0210000	APPLICATION NO. 09/783,034
	THIRD SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT	APPLICANT Khan <i>et al.</i>	
		FILING DATE February 15, 2001	GROUP 2826

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
WA	AA2	5,972,734	10/1999	Carichner <i>et al.</i>			
WA	AB2	6,114,761	09/2000	Mertol <i>et al.</i>			
WA	AC2	6,117,797	09/2000	Hembree			
WA	AD2	6,140,707	10/2000	Plepys <i>et al.</i>			
WA	AE2	6,184,580 B1	02/2001	Lin			
WA	AF2	6,212,070 B1	04/2001	Atwood <i>et al.</i>			05/05/98
WA	AG2	6,347,037 B2	02/2002	Iijima <i>et al.</i>			12/04/98
WA	AH2	6,362,525 B1	03/2002	Rahim			11/09/99
WA	AI2	6,380,623 B1	04/2002	Demore			10/15/99
	AJ2						
	AK2						

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL2						Yes No
	AM2						Yes No
	AN2						Yes No
	AO2						Yes No
	AP2						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

WA	AR	2	English-language Abstract of JP 10-247703, published September 14, 1998, page
WA	AS	2	Copy of International Search Report issued November 5, 2002 for Appl. No. PC98S02/02207, 7 pages.
WA	AT	2	

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WA	AA1	5,291,062	03/1994	Higgins, III			
	AB1	5,572,405	11/1996	Wilson et al.			
	AC1	5,583,377	12/1996	Higgins, III			
	AD1	5,691,567	11/1997	Lo et al.			
	AE1	5,835,355	11/1998	Dordi			
	AF1	5,883,430	03/1999	Johnson			
	AG1	5,894,410	04/1999	Barrow			
	AH1	5,901,041	05/1999	Davies et al.			
WA	AI1	5,905,633	05/1999	Shim et al.			

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
WA	AJ1	JP 11-17064	01/1999	Japan	H01L	23/14	Yes No
	AK1	JP 11-102989	04/1999	Japan	H01L	23/12	Yes No
	AL1	JP 7-283336	10/1995	Japan	H01L	23/12	Yes No
WA	AM1	JP 10-247702	09/1998	Japan	H01L	23/12	Yes No

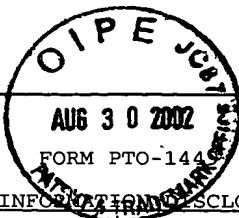
## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

WA	AN	1	English-language Abstract of Japanese Patent Publication No. 11-017064, 1 Page (January 22, 1999 - Date of publication of application).
	AO	1	English-language Abstract of Japanese Patent Publication No. 11-102989, 1 Page (April 13, 1999 - Date of publication of application).
	AP	1	English-language Abstract of Japanese Patent Publication No. 07-283336, 1 Page (October 27, 1995 - Date of publication of application).
	AQ	1	English-language Abstract of Japanese Patent Publication No. 10-247702, 2 Pages (September 14, 1998 - Date of publication of application).
WA	AR	1	Copy of International Search Report issued July 25, 2002 for Appln. No. PCT/US01/44955, 4 pages.

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
LA	AA2	5,953,589	09/1999	Shim <i>et al.</i>			
	AB2	5,977,626	11/1999	Wang <i>et al.</i>			
	AC2	5,986,885	11/1999	Wyland			
	AD2	5,998,241	12/1999	Niwa			
	AE2	6,002,169	12/1999	Chia <i>et al.</i>			
	AF2	6,020,637	02/2000	Karnazos			
	AG2	6,084,777	07/2000	Kalidas <i>et al.</i>			
	AH2	6,133,064	10/2000	Nagarajan <i>et al.</i>			
MA	AI2	6,011,304	01/2000	Mertol			

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION
	AJ2						Yes No
	AK2						Yes No
	AL2						Yes No
	AM2						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

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	AP	2	
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	AR	2	

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## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
WA	AA3	6,077,724	06/2000	Chen			
	AB3	6,160,705	12/2000	Stearns <i>et al.</i>			
	AC3	6,162,659	12/2000	Wu			
	AD3	6,163,458	12/2000	Li			
PA	AE3	6,166,434	12/2000	Desai <i>et al.</i>			
	AF3						
	AG3						
	AH3						
	AI3						

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION
	AJ3						Yes No
	AK3						Yes No
	AL3						Yes No
	AM3						Yes No

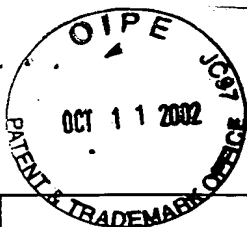
## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

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	AO	3	
	AP	3	
	AQ	3	
	AR	3	

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## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
IAA	AA1	5,844,168	12/1998	Schueller <i>et al.</i>			
	AB1						
	AC1						
	AD1						
	AE1						
	AF1						
	AG1						
	AH1						
	AI1						
	AJ1						
	AK1						

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	AL1						Yes No
	AM1						Yes No
	AN1						Yes No
	AO1						Yes No
	AP1						Yes No

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	AS	1	
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